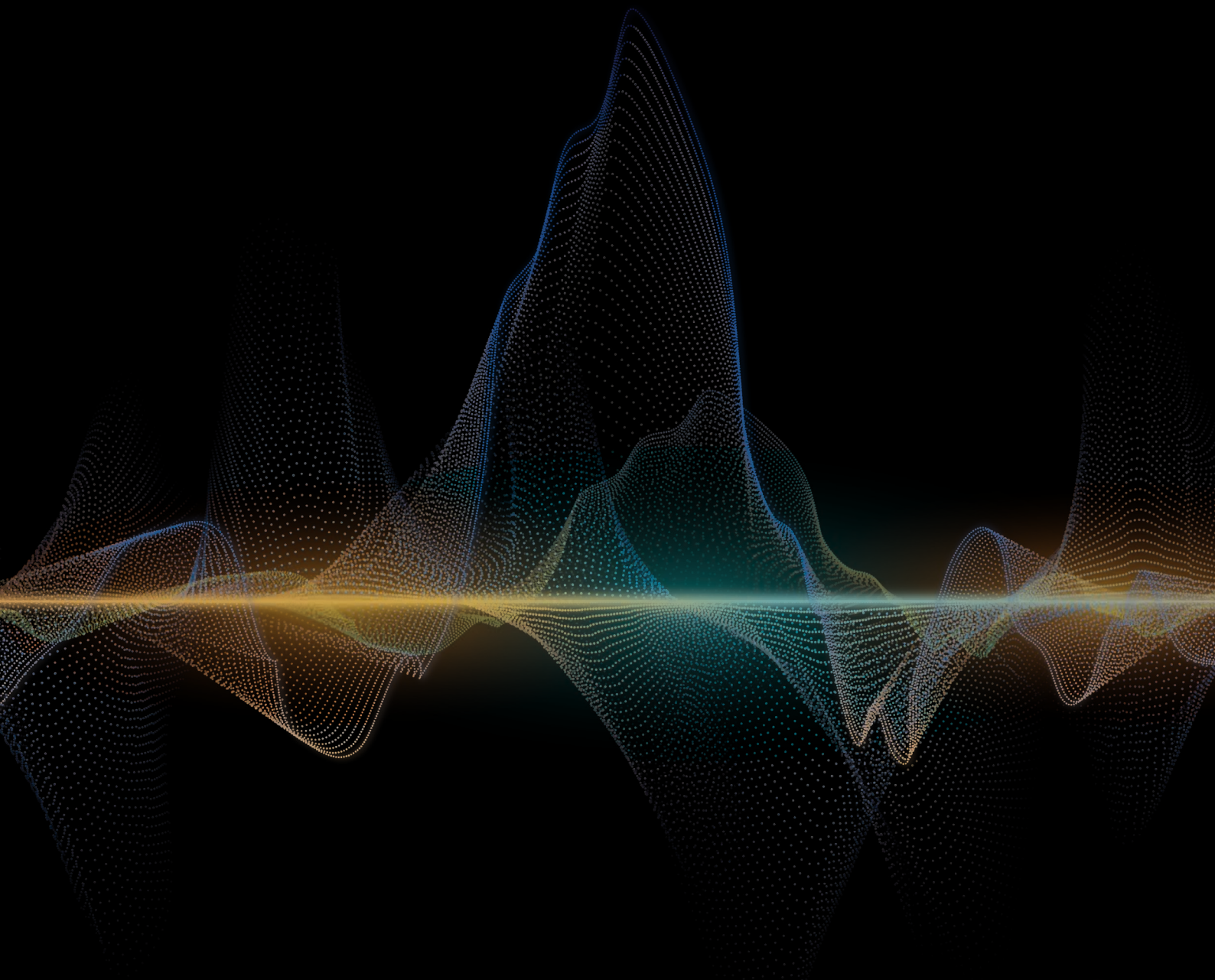




APPI
technology

CATALOGUE 2024

SAFETY*COMMS* FIRST!™





Many professionals need to communicate in a natural way (conference mode, hands-free) in confined spaces or off-network areas.

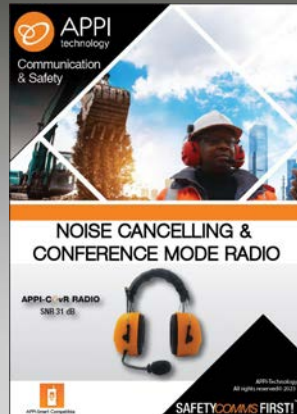
Our technologies provide solutions to improve the efficiency and safety for mobile teams, combining the advantages of mobile phones (conference mode) and walkie-talkies (off network), but also offering gateways to other networks.

Our specialized application flyers

Safety :



LONE WORKER
PROTECTION
OFF NETWORK AREAS



RADIO-CONFERENCE
NOISE-CANCELLING
HEADSET

Industry :



INDUSTRIAL
CLEANING



SANITATION &
CONFINED SPACES



INDUSTRY



CONSTRUCTION



PHARMACEUTICAL

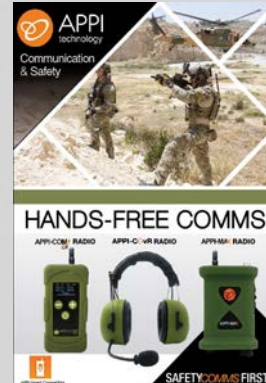
Civilian safety and Defense :



SWAT / POLICE



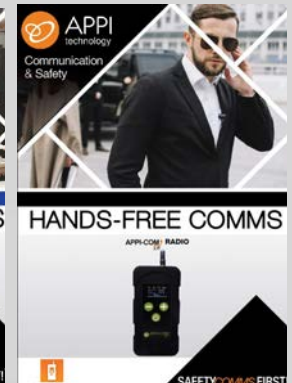
FIREFIGHTERS



DEFENSE



CBRN



COVERT

SUMMARY

□	Wireless intercom	
	Choose your APPI radio	P 5 to 10
	APPI-CovR	P 11 to 12
	APPI-Com	P 13 to 14
□	Lone Worker Protection	
	APPI-Smart	P 15 to 16
□	Wired intercom	
	APPI-Line	P 17 to 19
□	Accessories	
	Included accessories	P 20 to 21
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□	Audio Devices	
	Noise-cancelling headsets	P 26 to 28
	Lightweight headsets	P 29 to 30
	In-Ear & Technical	P 31 to 32
	Remote Speaker Microphone	P 33
□	Transport Kit	P 34 to 35
□	Service, Support & Training	
	Support services	P 37
	Premium services	P 37
	Training	P 37



WIRELESS INTERCOM

APPI-COVR

APPI-COM

CHOOSE YOUR HANDS-FREE APPI RADIO



APPI-COM^{LR} : FOR ALL PPEs

APPI-C^{vR} : ALL-IN-ONE

CHOOSE YOUR RADIO



CONFERENCE MODE (FULL-DUPLEX)

The patented technology (SyncAll patent), without a base or master, allows for natural communication in conference mode - no need to press a button and wait for your turn to speak. The encrypted network is deployed within seconds; APPI radios automatically identify the other teammates and start the conference.



HANDS-FREE

APPI radios allow professionals to have their hands free, allowing them to better focus on their mission



SIMPLE AND SECURE

Simplicity: 1 button and 1 connector to deploy the network within seconds and communicate freely with the team.

Safety: includes voluntary "Pager" alert, immobility detection with voice alert, and "SafeLine" function to know in real time who is connected.



NETWORK EXTENSION

Connect your APPI radio (via Bluetooth or wire) to any communication device to extend the range or share the conversation.



CONFIDENTIALITY

APPI radios can deploy a wireless, coded digital network in seconds with no installation required.

AN UNIQUE COMMUNICATION SOLUTION

Technologies comparison

SYSTEM	OFF-NETWORK	CONFIDENTIAL	FULL-DUPLEX	HANDS-FREE	LONG RANGE	NO FIXED OR MOBILE BASE	GOOD PENETRATION	1 RADIO FOR 2
GSM phone	X	X	✓	✓	✓	X	✓	X
Walkie-Talkies (PMR)	✓	✓	X	X	✓	✓	X	X
Bluetooth / WiFi / DECT (<500ft)	✓	✓	✓	✓	X	X	X	X
APPI Radios	✓	✓	✓	✓	✓	✓	✓	✓

How can APPI radios solve your communication problems?

COMMUNICATION PROBLEMS IN THE FIELD

- Noisy environment
- Distance
- Personal Protective Equipment
- Occupied hands
- Confined / Off-network spaces
- Lone worker protection



- Conference mode (Full Duplex)
- No Push-To-Talk
- 3.8Km range (2.3mi)
- No base or Master
- Adapted Audio Headset
- Compact / Robust / IP66/67
- Noise Protection
- Lone Worker Protection
- Safeline
- Sending alerts from off-network zones to GSM

ADVANTAGES

- Prevention
- Safety
- Protection
- Productivity
- Efficiency
- Licence Free

CHOOSE YOUR RADIO

FOR ALL APPLICATIONS

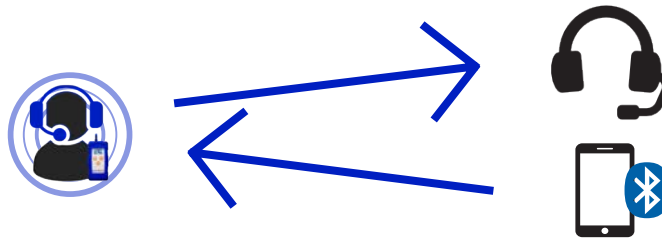
APPI radio for all teams: 2 people and more ...



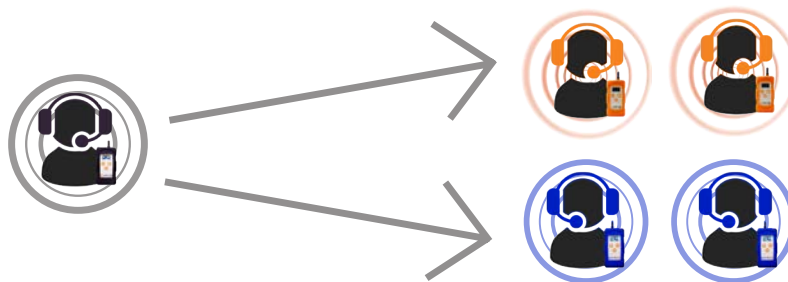
Compatible fits all PPEs (SCBA, Helmets, gas detector...)



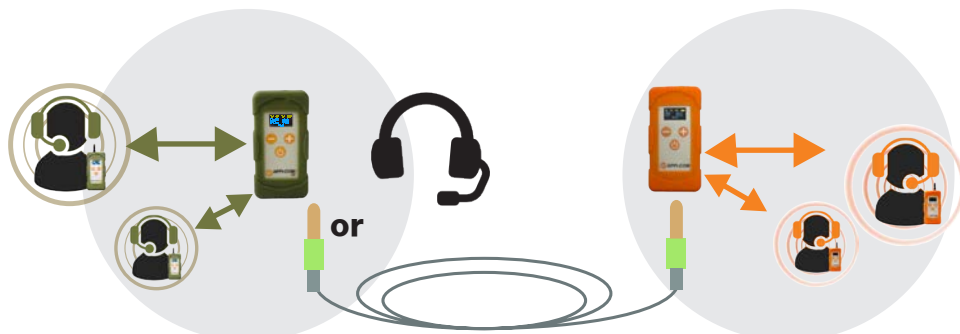
Bluetooth option: compatible with a bluetooth headset and relays the communication to a phone



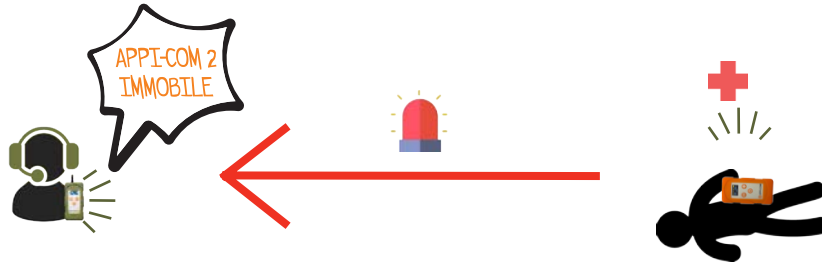
MULTI: switch from one team to another (up to 10 teams)



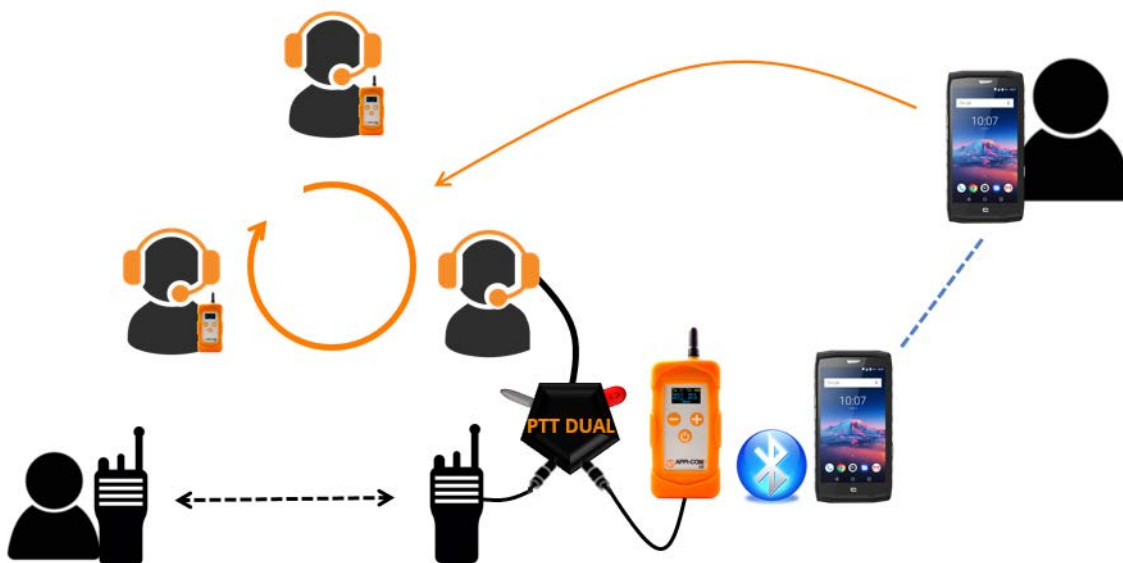
RELAY/EXTENDER: wired connection for obstacles from 15m (50Ft) to 300m (1000Ft)



Safety Pack : Pager, Man-down alert (LWP), Safeline® (connection/disconnection alert)



Communicate with someone outside the APPI-Radio network and include them in the network without changing headsets!



You work in pairs by sharing your APPI radio!
APPI radios allow you to connect two audio headsets: one wired and one Bluetooth, simultaneously in conference mode.

Ex : conference mode at 6



RADIO FEATURES

FEATURES



	All-in-one wireless noise-cancelling	Power and flexibility Atex : Potentially explosive environment
Transmitting power	<500mW (specific calibration on request)	<500mW (specific calibration on request)
Models	APPI-CovR	APPI-Com LR External antenna
References	BS-ACO-XXX (Europe) BS-ACOU-XXX (US)	BS-APC2-XXX (Europe) BS-APC2U-XXX (US) OTHERS : ON REQUEST ATEX : ON REQUEST
Radio		
Range	Up to 3800m (2.3mi)	
Sound quality	HD	
RF Band	863-870 MHz CE / 902-928 Mhz FHSS	
Channels	19 to 32 (country specific)	
Certification	CE, FCC	ATEX CE, FCC, Others
Features		
ATEX Version	No	Yes
Eco Mode	No	Yes (200mW)
Beeper	Yes	
CALL Mode	No	Option
Nuclear calibration	Option	Option
Safety Pack (LWP + Safeline)	Yes	Yes
Bluetooth audio	Yes	Option
Defense configuration (P9)	No	Option
Power and battery		
Talk time	Up to 32-38h	Up to 9 h
Listen time	Up to 32-38h	Up to 10h
Charging	USB /about 6h	USB /about 2h
Battery	Li-PO / rechargeable	
Com&Charge Function	Yes : Communication charging / Range extension except on Atex	
General characteristic		
Size	100x100x110mm (3.9"x3.9"x4.3")	91x48x15mm (3.6"x1.9"x0.6")
Weight	445g (15.7oz) without Isoskin	80g (3oz)
Shocks Tests	IK8	
WatertightNon	IP56	IP66 IP67 (option or Atex)

* Rubber's color is customizable (21)

FULL-DUPLEX NOISE-CANCELLING COMMUNICATION HEADSET !

Product description :

APPI-CovR embeds a long-range conference mode radio and a Man-Down detector into a noise-cancelling headset, providing simplicity and safety.



Main features :

- Hands-free conference mode with an unlimited number of talkers.
- Maximum Range: Up to 3.8 km (2.3 mi) on a self-deployed and secure digital network.
- Attenuation : 31dB.
- Exclusive Full-duplex technology: no fixed or mobile base (SyncALL patent).
- Lone Worker Protection: Man-Down alert with relay through a smartphone.
- Confidentiality: digitally coded, each group has its own ID.
- Versions: Headband or helmet mounted (w/ 30 mm inserts).
- Removable rubber covers: +3 dB (IsoSkin patent).

Technical specifications

Radio Range : Up to 3800m (2.3mi) Line-Of-Sight

Fréquences : 863-870 MHz CE / 902-928 MHz (FCC/IC)

Number of channels : 19 (CE) / 32 (FCC/IC)

Transmission Power : < 500mW

Radio Certification : CE : ETSI EN 300 228 & 300 220-2 / FCC/IC part 15.247 / KDB 996369 D04

Electromagnetic Compatibility : ETSI EN 301 489-17 & ETSI EN 301 489-3 EN 62311

Electrical Safety : IEC 62368-1 : 2014

Modulation : digital FM, Class I : no restriction

SAR value (head): CE : 0.049W/kg (limit : 2W/Kg) / FCC/IC : 0.059W/Kg (limite : 1.6W/Kg)

Bluetooth : Audio with GSM gateway, Class II

Compatibility : APPI-Com (> V3.4) / APPI-Smart

Beeper/pager : yes

Man-down alert: yes plus relay trough a smartphone (APPI-Smart)

Noise attenuation (average) : 30.77dB

DSP noise filters: White noise : -12dB / SingleTone : -30dB / Siren : -20dB

Battery life : 24 to 30h / Charge : USB (Up to 8h)

Battery : Li-ion -3.6V / 16.92 Wh

Dimensions (helmet mounted) : 200x180x110mm (8.66x7.08x4.33")

Weight : without IsoSkin : 450g / 15.87 Oz / with IsoSkin : 575g / 20.28 Oz

Operating temperature : -20°C /+50°C

Ambient Charging temperature : < 45°C

Attenuation values per frequency band

Atténuation VS fréquence	125Hz	250Hz	500HZ	1000Hz	2000Hz	4000HZ	8000HZ	Mean Attenuation
Without / sans Isoskin	6.49	10.74	24.37	31.19	26.38	34.08	38.28	27.02dB
With / avec Isoskin	10.70	15.73	26.60	32.88	30.13	38.08	46.56	30.77dB

Product range

Zone	Préfix	Bandeau / coques casques	Couleur IsoSkin	Antenne
CE	BS-ACO-	HB/HL	BK/GR/KY/BL/YE/RD/OR	01/02/03
USA / CA	BS-ACOU-	HB/HL	BK/GR/KY/BL/YE/RD/OR	01US/02US/03



A SMART INTERFACE : APPI-Smart

The APPI-Smart app allows to :

- Remotely control your APPI-CovR.
- Automatically send alerts triggered by an immobility detection.
- Offer an access to the mobile network (LTE/3G/4G) for workers in «network denied areas» like confined spaces, sewers, tunnels, underground, etc..



FULL-DUPLEX RADIO

Product description

APPI-Com is the world's most advanced wireless tactical field communication device, providing a full-duplex, long-range solution for teams in hostile, noisy, or confined environments. It improves user safety with its new features; LWP (Lone Worker Protection) with voice alert, no fixed or mobile base (SyncAll patent), identification and voice alert of connected users (SafeLine patent), Pager button, etc. It is ultra-compact, lightweight, and rugged, making it easy to use and operate – simply press the power button and you're ready to communicate hands-free on a secure, powerful, and coded network. Furthermore, APPI-Com allows for natural conversation in the team despite physical obstacles (walls, floors, etc.) and personal protective equipment. Finally, it fits multiple audio headsets and eliminates ambient noise to permit focus on the mission at hand..



Main features

- Hands-free conference mode with unlimited number of takers
- Range : Up to 3.8km (2.3mi)
- Radio sharing : wired and Bluetooth connection
- Exclusive full-duplex technology : no fixed nor mobile base (SyncALL® patent)
- Lone Worker Protection : Man-Down alert with relay trough a smartphone
- Confidentiality : digitally coded / each group has its own ID.
- Removable rubber covers



Technical specifications

Radio Range : Up to 3800m (2.3mi) LOS

Fréquences : 863-870 MHz CE / 902-928 MHz (FCC/IC)

Number of channels : 19 (CE) / 32 (FCC/IC)

Transmission Power : <500mW

Radio Certification : CE : ETSI EN 300 228 & 300 220-2 / FCC/IC part 15.247 / KDB 996369 D04

Electromagnetic Compatibility : ETSI EN 301 489-17 & ETSI EN 301 489-3 EN 62311

electrical parameters : IEC 62368-1 : 2014

Modulation : digital FM, Class I : no restriction

SAR : 1.1 to 1.24W/Kg (depends on version)

Bluetooth : Audio with GSM gateway, Class II

Compatibility : APPI-Com (> V3.4) / APPI-Smart

Beeper/pager : yes

Man-Down alert: yes plus relay trough a Smartphone (APPI-Smart)

DSP noise filters: White noise : -12dB / SingleTone : -30dB / Siren : -20dB

Battery life : 24 to 30h / Charge : USB (Up to 8h)

Battery : Li-ion -3.6V / 16.92 Wh

Dimensions (HxWxD): 91x48x15 mm

Weight : ~ 80g / 3 Oz

Operating Temperature : -20°C /+50°C - IP 66 -

ATEX version : CE II 3G/D Eex is T6 IP67 (-10°C/+60°C)

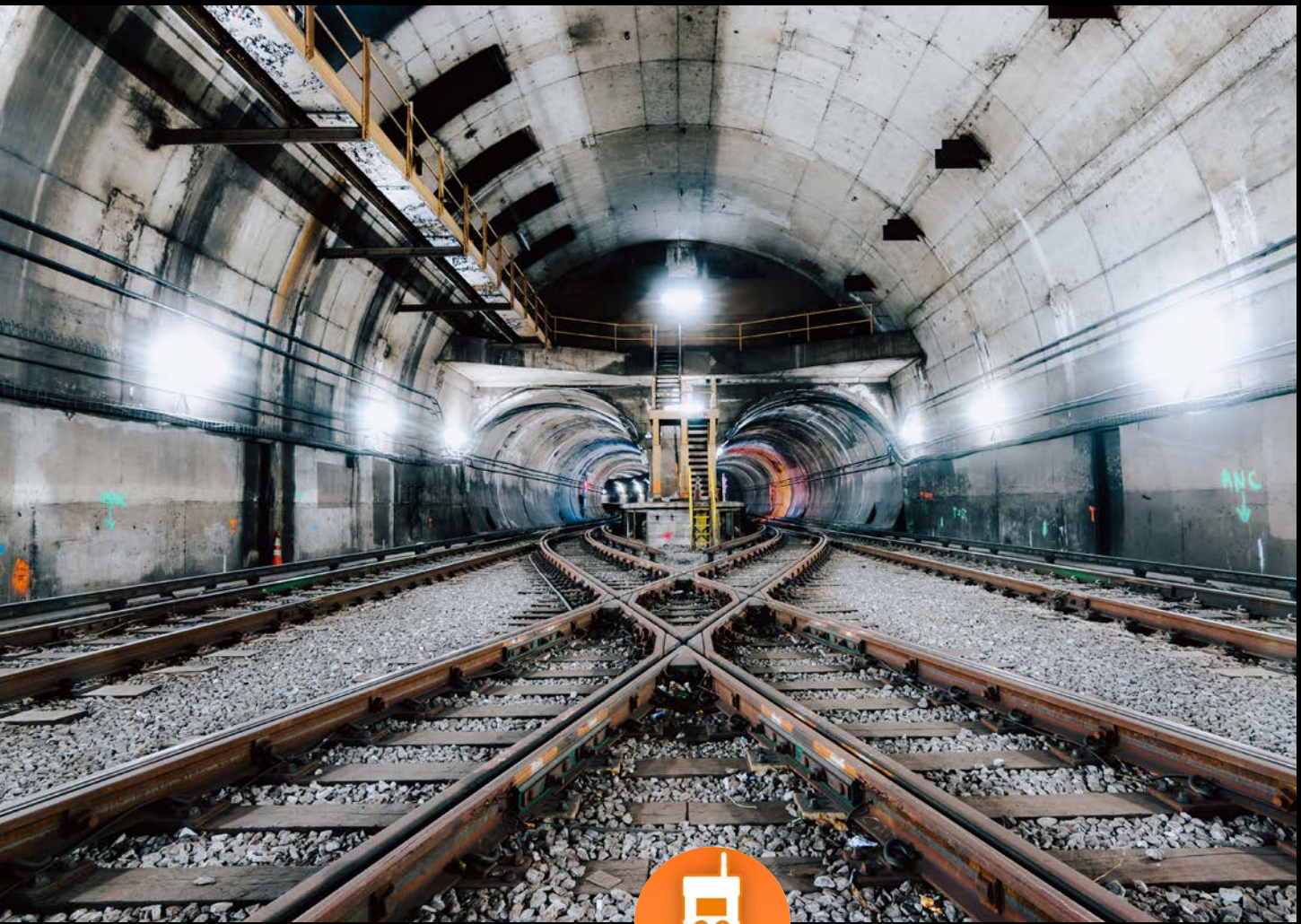
Ambient Charging temperature : < 45°C

A SMART INTERFACE : APPI-Smart

The APPI-Smart app allows to :

- Remotely control your APPI-Com.
- Automatically send alerts triggered by an immobility detection.
- Offer an access to the mobile network (LTE/3G/4G) for workers in «network denied areas» like confined spaces, sewers, tunnels, underground, etc..





LONE WORKER PROTECTION (LWP)

APPI-SMART APP

Reports Man-down alerts - License S
Smartphone interface - License C

MOBILE APPLICATION FOR SAFETY - LICENSE S

The APPI-Smart App is the natural extension of your APPI radio. Its usage enhances the safety features of the Safety Pack, and provides an easy access to the radio parameters when used under a protection suit (ex: chemical suit...).



- OPTION APPI-SMART : Contact us

APPI-Radio's connectivity brings Safety to workers in hazardous areas even without network access: a Man-Down alert generates an automated voice call to a pre-registered number plus a text and an email thanks to the **APPI-Smart** ® Android application.

SAFEGUARDING WORKERS IN THE WHITE ZONE

An APPI radio located in an LTE/3G/4G zone can communicate with other APPI radios in white zones (radio or wired mode), allowing workers in sewers, tunnels, or reservoirs to communicate with remote correspondents and automatically send safety alerts.

APPI-RADIOS'S NATURAL EXTENSION

APPI-Smart optimizes communication and alert management for isolated workers: the application automatically transmits an immobility alert by SMS and email, dated and geolocated, and establishes a voice communication with the referring person.

AUTOMATED ALERT: ENHANCE SAFETY

APPI-Smart enhances Safety alerts' management for workers in confined spaces: Man-Down alerts are relayed to the person-in-charge with an automated voice call, a text message and email with event's time and Team's location.



BEEP-TO-CALL : CALL WITH A SIMPLE TOUCH

APPI-Smart allows calling a pre-registered number and conference-in your correspondent: great when the team needs help!!

APPI-RADIO REMOTE CONTROL - LICENSE C (FREE)

CONTACTLESS RADIO INTERFACE

When wearing a protection suit (NRBC, Pharmaceutical, etc.), APPI-Smart is used as a remote control of the APPI-Com Radio and offers a push-to-talk feature.





WIRED INTERCOM

APPI-LINE

APPI-LINE: WIRED INTERCOM WITHOUT RADIO EMISSION

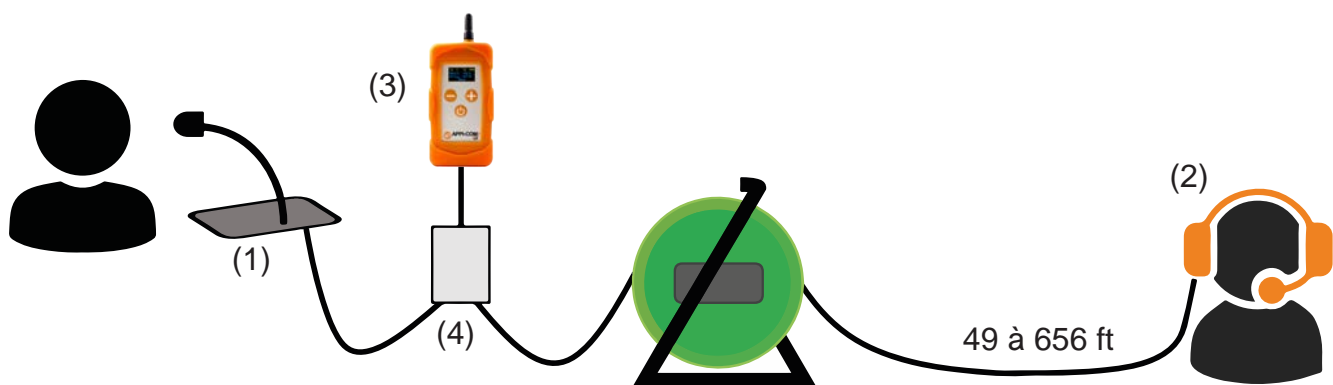
In radio sensitive environments (nuclear, ammunition, etc.) or with significant EM perturbations, when man cannot use radio emissions, APPI-Line allows workers to keep in touch.

Simplicity: APPI-Line can be deployed within minutes, and embeds the APPI-Com's strengths: compact, waterproof, shockproof. It allows you to connect a wide range of audio devices for full-duplex communication.

COMMUNICATION

APPI-Line adapts itself to your protective equipment and its noise-cancelling technology allows natural communication in all environments.

The system includes an APPI-Line intercom, a connection box, a cable on reel and two audio devices.



Desk (1) Audio devices (2). Intercom (3) Adapter box (4).

- OPTION APPI-Com Line : Contact us

CERTIFICATION

IP66 Certified (dust and water), the system is designed to operate in critical environments. Totally autonomous, it can operate on AC power or on battery.

RUGGEDIZED

Small size and weight less than 3oz (80g), APPI-Line is choc-resistant (IK8 standard) and IP66 or IP67 waterproof (water and dust).

BATTERY LIFE

The APPI-Line includes a battery that allow up to 12 hours in communication. When connected to a power source, its "Com&Charge" function offers an endless battery life.



ACCESSORIES

INCLUDED ACCESSORIES

OPTIONAL ACCESSORIES

APPI-COM RUBBER PROTECTIVE COVER

This rubber casing is particularly effective against shocks, scratches and dirt. The padded corners offer great mechanical robustness, while a transparent film protects the front side. They are available in various colours and can be cleaned with a damp cloth.



- BS-APC-RUBG01 : Grey
- BS-APC-RUBR01 : Red
- BS-APC-RUBN01 : Black
- BS-APC-RUBK01 : Khaki
- BS-APC-RUBB01 : Blue
- BS-APC-RUBO01 : Orange
- BS-APC-RUBY01 : Yellow

NECK STRAPS



- BS-APC-LAN01 : Neck straps cloth
- BS-APC-LAN02 : Neck straps PVC
- BS-APC-LAN03 : Neck straps PVC Kakhi

CHARGING KIT

The wall plug 4-port USB for charging four APPI-Com simultaneously. The car plug two-port USB APPI cigarette lighter socket charges up to two APPI-Com radios simultaneously in a vehicle.

- BS-BSX-EU4X : USB 4 ports charger EU version
- BS-BSX-UK10 : USB 4 ports charger UK version
- BS-BSX-US4X : USB 4 ports charger US version



USB APPI CABLE: RECHARGING AND PROGRAMMING



The USB cable allows both charging the APPI radio and connecting it to a computer for software configuration.

- BS-APC-USB02 : APPI USB cable for charging base
- BS-APC-USB03 : APPI USB cable 10 cm for charging base
- BS-ACO-USB01 : APPI-C0vR USB cable



ANTENNAS

APPI-Com LR is usually supplied with an external antenna (ANT01): offers the best radio range (over 3000m in free field). For a more compact version, it is possible to order APPI-Com LR with ANT03. The radio range between two modules equipped in this way remains around 900m in free field.

REFERENCES	LENGTH	ZONE	RANGE *
BS-APC-ANT01	15 cm	EUROPE	3.8 Km
BS-APC-ANT01US	17.5 cm	US	3.8 Km
BS-APC-ANT02	8.4 cm	EUROPE	1.2 Km
BS-APC-ANT03	2.8 cm	EUROPE / US	920 m
BS-APC-ANT04	8.6 cm	EUROPE / US	1.5 Km
BS-APC-ANT05 *	19.5 cm	EUROPE / US	4 Km

To be mentioned upon order

In FCC/IC & ATEX Version: cannot be swapped in the field

* Approximate range between two models with the same antenna Data measured with APPI-Com LR

SMA type RF connector for external antenna, removable in Europe version.



* Rotating

JEDI ANTENNA

For fixed stations: Cover your entire site with JEDI antennas. Indoor or outdoor use.

- BS-APC-ANT06 : Exter.wall antenna - SMA - 5 dB - 3m RF cable
- BS-APC-ANT07 : Exter.wall antenna - SMA - 8 dB - 3m RF cable



CHEST HARNESS



The harness, splitter cable, and battery pack enable you to take your APPI-Com and recharge pack wherever you go. The splitter allows you to use the radio while charging it (not available for the ATEX version).

Pack BS-APC-HAPWR01

- BS-APC-HAR01 : APPI-Com Harness
- BS-APC-USBBAT06 : Battery 6000mA.h
- BS-APC-CASPLIT01 : Cable



ARMBAND

Wear your APPI-Com securely around your arm without hindering your movements during professional operations. This small, lightweight device is made of neoprene material, thus providing you with maximum comfort. It will also protect your radio from inclement weather, perspiration, scratches, and dirt...

- BS-APC-BRAS01



DELUXE LEATHER CASE

The deluxe leather case is equipped with a rotating clip that allows you to carry your APPI-Com device.

- BS-APC-LPOUCH01



CLIP FOR APPI COM

The clip is attached directly to the back of the APPI-Com. It can be worn directly on your belt or in a pocket.

- BS-APC-CLIP01



CAR CHARGER

The APPI 2-USB car charger can charge 2 APPI radios.



SPECIALS KEYBOARD (OPTION)



The front keyboard can be customized to the preferred image of your company :
Such as Defence keyboard, or by including a logo.

- BS-APC2-OPTDEF : Army configuration (Keyboard Army - IP67 - Screen switch off)
- Company logo inclusion : contact us for more details.

PUSH TO TALK / DOUBLE POSITION

To alternate from full-duplex (conference mode) to «push to talk» conversation.
It can be integrated directly on any audio equipment.

- BS-APC-PTT90



WALKIE-TALKIE GATEWAY

PTT-DUAL

This push-to-talk box offers 3 connections for : your APPI-Com, your walkie-talkie and your audio device.

This push-to-talk box allows you to hear on both networks with one single audio device. You can then operate either on the APPI-Com network, or on the Walkie-Talkie network, or both at the same time!

- BS-APC-PTTD90DP : PTT APPI-Dual -DP3400
- BS-APC-PTTD90TPH : PTT APPI-Dual -TPH700
- BS-APC-PTTDGP388 : PTT APPI-Dual - GP388
- BS-APC-PTTDP2G : PTT APPI-Dual - P2G
- To fit your brand of walkie-talkie, please contact us.



PTT-LINK

This Push-To-Talk (PTT) offers two connections; one for your APPI-Com and the other for your walkie-talkie. In this case, your audio device must be Bluetooth enabled and paired with your APPI-Com. This PTT allows you to listen to both networks using just one Bluetooth audio device. You can then operate either on the APPI-Com network, or both networks at the same time!

- BS-APC-APPITALK01
- To fit your brand of walkie-talkie, please contact us.



WIRED EXTENSION AND RELAY BOX



Headset extender: wired connection between helmet and radio to pass through walls/obstacles. Relay box: wired connection between two radios of two different groups to create a wired intercom.

- BS-APC-CAHSEXT15: Headset extender 15m
- BS-APC-RELAY01 : Relay box



CHARGING AND STORAGE STATION



Charging and storage station for 4 APPI-Com radios.

- BS-APC-BASTA : Europe version
- BS-APC-BASTA02 : Europe version with 4 USB cables
- BS-APCUS-BASTA : US version
- BS-APCUS-BASTA02 : US version with 4 USB cables

SMARTPHONE LISTENING CABLE

Cable to connect an APPI-Com radio to a smartphone and to record the communication.

- BS-APC-CAECS

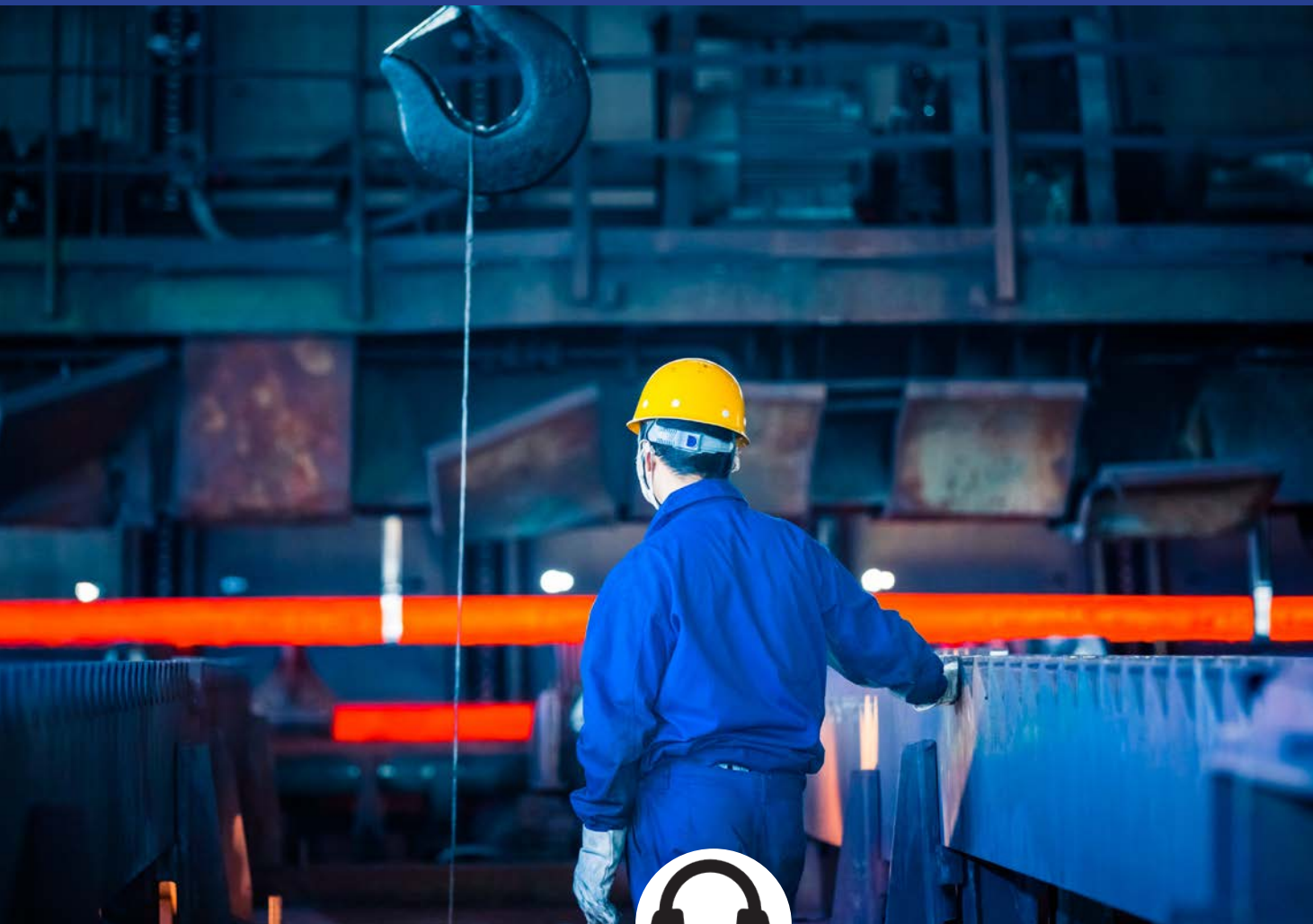


APPI WALL-MOUNT

Wall-mount for APPI-Com / APPI-Com LR.

- BS-APC-WALLFIX01





APPI-COM AUDIO DEVICES








NOISE-CANCELLING HEADSETS

LIGHTWEIGHT HEADSETS

IN-THE-EAR & TECHNICAL

REMOTE SPEAKERS

All wired peripherals are delivered with an exclusive APPI high reliability connector: metal, circular, with coded pin and push-pull lock. For more references contact us.

LEGEND							
	ARI (respirator)	Bluetooth	Atex	Defence	Public Safety	Industry	REST * Industry

* Recreation, Entertainment, Sports, and Tourism



NOISE-CANCELLING

EARMUFF

CABA



This ATEX-certified passive noise-cancelling audio headset with boomer microphone has double articulation and is specifically configured for the APPI-Com, providing 29dB of sound insulation. This professional headset is equipped with an insulating shell (ABS) that is adapted for conversations in noisy environments and operates “hands-free” without requiring a PTT (push-to-talk) button – making it the perfect audio accessory for users in high noise environments.

- BS-APC-CABA1 : Noise cancelling audio Headband
- BS-APC-CABA3 : Noise cancelling audio headset for helmet
- BS-APC-CABMIC : CABA1 and CABA3 micro



A-KABEL



Bluetooth industrial noise-cancelling headset (SNR isolation = 28dB) with boom microphone. Supplied with charger for AA size rechargeable batteries, or battery operation (2xAA). Available in headband or helmet mounted version.

- BS-APC-CABBTA01 : Noise cancelling audio Head band Bluetooth AK
- BS-APC-CABBTA02 : Noise cancelling audio Helmet Mounted Bluetooth AK



CAB



Noise cancelling audio headset that are installed directly on the helmet by a fixing system. 24dB sound insulation.

- BS-APC-YELLOWCAB : Yellow headset



HP90



This passive noise-cancelling headset features a noise-cancelling microphone with 23dB isolation, making it ideal for conversations in very noisy environments. It is mounted with an insulating hull and is equipped with a metalized rear neck collar to ensure secure positioning even when wearing a hard hat.

- BS-APC-CAB02 : Headset



NOISE-CANCELLING HEADSET WITH TALK TROUGH

SUPREME



Noise-cancelling headset with noise-cancelling microphone and situational awareness. Offers up to 24dB passive isolation, as well as an 82dB limitation ("Cut-off" function) for very demanding environments. Each shell features two speakers, providing a "fail-safe" option in case of low battery power and enabling uninterrupted radio communication. The headsets are available in both neck-loop and head-mounted models.

- BS-APC-SUPMA : Headset
- BS-APC-SUPMAPTT90 : Headset with PTT
- BS-APC-SUPMSAN90 : Headset with PTT headband
- BS-APC-SUPMN : Sup MIL Headband
- BS-APC-SUPMNPTT90 : Sup MIL Headset with PTT
- BS-APC-CAMSA01 : APPI-connection cable
- BS-APC-CAMSA02 : APPI-connection cable





ACTIVE NOISE REDUCTION (ANR) : NOISEMASTER™

NEW & EXCLUSIVE



Hearing protection headsets with active noise cancelling provide the most effective protection against low frequency noise, where traditional plastic shells are ineffective. This technology improves communication clarity and alarm signal perception on-site.

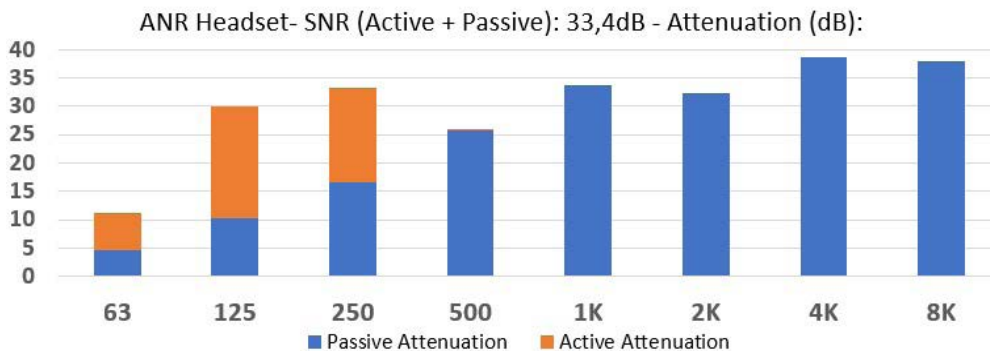
The ANR technology is based on a miniaturized electronic module positioned inside the shell of the headphones, which is connected to a small microphone that picks up ambient noise and a small loudspeaker that generates counter-noise near the ear in order to significantly reduce the noise in the eardrum.

This system is patented worldwide and is suitable for all communication applications in a noisy environment.

TECHNICAL CHARACTERISTICS

- Autonomy: 25 hours/ Charging time: 2 hours
- Operating temperature: - 15°C to + 55°C/ Storage temperature: - 20°C to + 55°C
- Power: 4,8V DC/ Consumption: 30 mA
- Attenuation in low frequencies: 15 dB in passive mode and 40 dB in active mode
- Operation in ambient environment of up to 120 dB
- Dimensions : 140x190x100mm - Weight : 550g

Supplied with APPI connector (or other : please contact us) for the communicating version, and a power charger.



- BS-ANR-FCA - Noise cancelling headset - Active Noise Reduction - Communicating, Headband
- BS-ANR-FCN - Noise Cancelling Headset - Active Noise Reduction - Communicating, Neckband (for construction helmet)
- BS-ANR-NCA - Active Noise Reduction Headset - Not Communicating, headband
- BS-ANR-NCN - Noise Cancelling Headset - Active Noise Reduction - Not Communicating, Neckband (for construction helmet)

LIGHT

LIGHT AUDIO HEADSETS - 2 EARPHONES

TOP SALES

OPCOM



Ultra-Light (33g) Bluetooth (5.0) headset with Noise Cancelling boom microphone and Bone-Conduction speakers – Allows for Situation Awareness or the use of Noise Protection ear plugs.

- BS-APC-OPCOM : Lightweight bluetooth bone conduction headset with noise-cancelling boom microphone



SKIPPY



Neckband headset including two earphones and a boom microphone. Adjustable and robust, it allows clear and precise communication, essential for safety, instruction or conversation.

This headset meets the requirements of the constrained environment (Firefighters, Industries): it is compatible with the wearing of most existing protective helmets.

- BS-APC-SKIPPY : Adjustable dual-loudspeaker headphones



TEMPEST



Ultra-Light Dual sided In ear speaker with NC boom mic and inline PTT/Duplex (Version 02) - In-ear (situation awareness) or noise cancelling

Active Noise Electret microphone and hearing-aid quality in-ear speakers.

Provided with ear plugs (hearing protection) and in-ear environment awareness inserts

- BS-APC-TEMPEST01 : Headset audio
- BS-APC-TEMPEST02 : Headset audio with PTT/Duplex



LIGHTWEIGHT HEADSET

STUDIO 2 - 1 PAD



Lightweight and comfortable headset for indoor use, with flexible boomer microphone and adjustable headband. Recommended for use in studios, offices, stages and work environments. Left or right use by rotating the flexible microphone and interchangeable foams for earphone and microphone.

- BS-APC-STUDIO2 : Audio headset



EARPIECES

MCOM4



In-ear headset with boomer microphone; can be ordered with or without push-to-talk depending on use. PTT version includes a «locked» mode allowing full communication duplex.

- BS-APC-MCOM4 : Mini headset
- BS-APC-MCOM4PTT : With PTT
- BS-APC-B03L : Pair of triple flange silicone ear tips





IN-EAR & TECHNICALS

BONE CONDUCTION / CARTILAGE MICROPHONE

M3H



This integrated audio device features both a loudspeaker and a bone conduction in-ear microphone, providing excellent noise isolation of up to 40dB from external noise. It also allows for vocal vibration to be collected directly in the ear canal, enabling a “soft spoken” conversation even in very noisy environments. Additionally, this audio device is compatible with all Personal Protective Equipment (PPE), such as helmets and Self-Contained Breathing Apparatus (SCBA), and comes with disposable plugs providing up to 32dB of hearing protection..

2 speakerphone :

- BS-APC-M3hDL02 : Left ear / 2 HP - 90° plug connector
- BS-APC-M3hDR02 : Right ear / 2 HP - 90° plug connector
- BS-APC-M3hDXL01 : ATEX, left speaker + right speaker
- BS-APC-M3hDXR01 : ATEX, right speaker + left speaker



Pair of ear-plugs : (pack of 10)

- BS-APC-BOINTSBLK-10 : Size S
- BS-APC-BOINTMRED-10 : Size M
- BS-APC-BOINTLBLU-10 : Size L

BOOMER



Headset with noise cancelling microphone and bone conduction loudspeakers.
Ideal for professionals in very demanding environments.

- BS-APC-OSTB01 : Bone Headband Boomer
- BS-APC-OBPTT01 : Bandeau Ostéophone Boomer PTT



TALON THROAT MICROPHONE



With a flexible collar, it is positioned around the neck to pick-up the larynx vibrations: adapted to noisy or windy environments (machine room, factories, airports, quarries, hunting, skiing, etc.).

It allows the wearing of filtering or respiratory masks.

- BS-APC-LARC03 : With speaker
- BS-APC-LARCA3 : ATEX with speaker



DISCRETE HEADSETS

DBH



This dual earpiece features innovative technology: a classic speaker on one side and a hypersensitive microphone on the other. A system optimized for small footprint and high discretion.

- BS-APC-DBHS02 : Dual "Microphone-HP" Headset
- BS-APC-DBHS02X1 : ATEX Dual Microphone-HP Headset
- BS-APC-B03L : Pairs of ear-plugs / 3 winglets



FACE MASKS AND HELMETS



Noise cancelling headset with noise cancelling boomer microphone and situation awareness. It offers up to 24dB isolation, with an external hearing limitation of 80dB.

- BS-APC-CABF101 : Headset with hearing protection and boomer microphone
- BS-APC-EAF1XF1 : 1 Speaker Audio Headset with Boomer Microphone
- BS-APC-EAF1XF2 : 2 Speakers Audio Headset with Boomer Microphone



Audio cable adapter :

The APPI-Com can be directly connected to the helmet or face mask to offer a plug and play system: hands-free / full duplex.

- Peltor MT632 : BS-APC-CA3M362 (may include APPI PTT : BS-APC-CAPTT3M362)
- Dräger FPS-COM + BS-APC-CAFPS
- Dräger FPS-COM 5000 : BS-APC-CAFPS5000
- Dräger Panorama : BS-APC-CAPANO
- MSA F1XF : BS-APC-CACOMKIT





REMOTE SPEAKERS

REMOTE SPEAKER MICROPHONE AND ACCESSORIES



Shoulder amplified wireless speaker microphone. This audio system includes an amplified loudspeaker and various micro speaker options. Available in Bluetooth version.



- BS-APC-BTR155 : Bluetooth
- BS-APC-RSM30 : Wired
- BS-APC-RSM100 : Earpiece Kit for Micro-HP Savox
- BS-APC-RSM101 : Earpicet Kit (Intra) for Micro-HP Savox
- BS-APC-RSM102 : Earpiece Kit (Acoustic Tube) for Micro-HP Savox



APPI AUDIO DECK



The Audio Desk includes an amplified loudspeaker with adjustable volume and a «gooseneck» microphone activated by push button. It allows you stay in touch with mobile workers: the team can be monitored in real time by a fixed operator in an office or behind a window.

- BS-APC-PUP01



BLUETOOTH NOMAD SPEAKER



This Bluetooth nomad can charge the radio like an external battery pack. Includes a noise cancelling microphone for a natural conversation.
Power 15 Watts
Autonomy up to 12 hours
Hands-free function

BS-APC-JBLC03



TRANSPORT KIT

SAFETY CASE

BACKPACK SYSTEM

TRANSPORT KIT



SAFETY CASE



XS

Shock-resistant polypropylene (PP)
Stackable, Water and dust proof
Double-stage locks, easy to open - even with one hand
Automatic air pressure compensation
Suitable for temperatures from -40°C to +80°C



S

M

L

Dimensions :

XS: Ext 272 x 215 x 106 mm - Int 249 x 177 x 94 mm

- BS-APC-BW1000: Transport black case size XS

S: Ext 420 x 325 x 180 mm - Int 384 x 264 x 164 mm

- BS-APC-BW4000: Transport case size S
- BS-APC-BW4000Y : Transport yellow case size S

M: Ext 468 x 365 x 188 mm - Int 432 x 301 x 170 mm

- BS-APC-BW5000: Transport case size M
- BS-APC-BW5000Y : Transport yellow case size M

L: Ext 510 x 419 x 215 mm - Int 473 x 351 x 196.6 mm

- BS-APC-BW6000: Transport case size L
- BS-APC-BW6000Y : Transport yellow case size L

XL: Ext 609 x 428 x 263 mm - Int 534 x 357 x 225 mm

- BS-APC-BW6700: Transport case size XL with wheels

XXL: Ext 660 x 490 x 335 mm - Int 585 x 410 x 295 mm

- BS-APC-BW6800: XXL size transport case with weels



XL & XXL

All suitcases are equipped with Velcro partitions and a lid pocket and strap.

BACKPACK SYSTEM

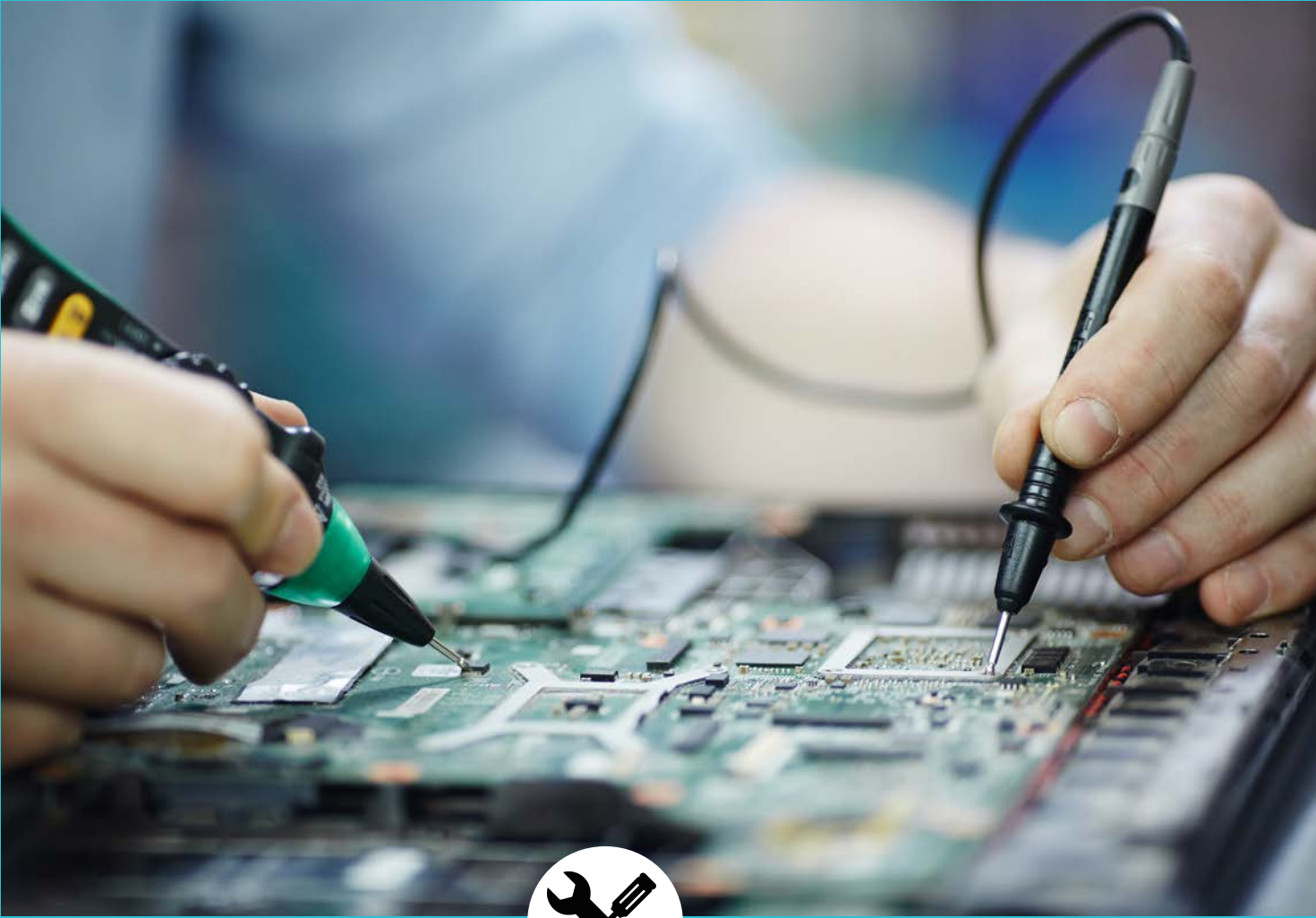


For easy, comfortable and hands-free transport of your equipment.
Suitable for sizes M and L.

Attaches easily to your suitcase

Note: To attach the backpack system to the case, you must first drill the screw fixing holes in the outer case. A drilling template, screws and detailed instructions are included in the delivery. In addition, you will need a drill (size 5) and a screwdriver.

- BS-APC-BWBPS: Backpack holder for carrying case M or L

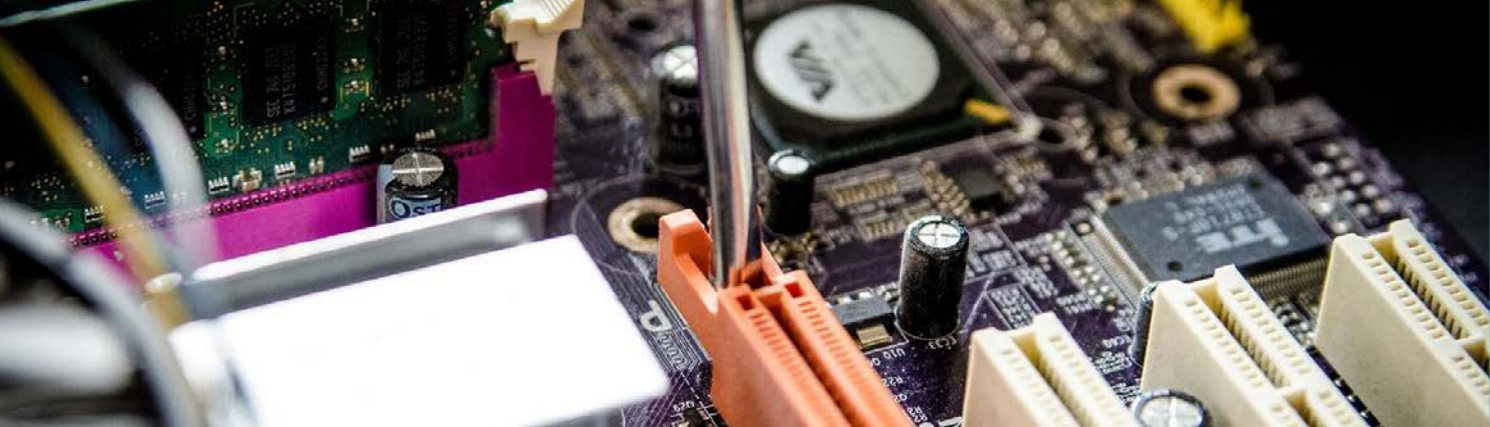


SERVICE, SUPPORT & TRAINING

SUPPORT SERVICE

PREMIUM SERVICE

TRAINING



SERVICE, SUPPORT & TRAINING

APPI-SUPPORT SERVICE

Offers maintenance and upgrades for your device, including cleaning, updating and calibration, as well as replacement of any defective parts such as the film, protective shell, strap, mini-clip, and battery.

APPI-PREMIUM SERVICE

Annual service warranty for APPI-Com systems: APPI support service plus repair insurance for a radio and its audio equipment, or provision of equivalent equipment.

	APPI SUPPORT	APPI PREMIUM
Radio: Cleaning / Updating / Calibration	●	●
Radio: replacement if defect: film, protective shell, strap, mini-clip, battery.	●	●
Radio: Break / Refurbishment (or provision of equivalent equipment)		●
Headphones: Break / Reconditioning (or provision of equivalent equipment)		●

- SER-APC-SUP : APPI-SUPPORT customer service
- SER-APC-SUPA : APPI-SUPPORT ATEX customer service
- SER-APC-SUPREM : APPI-PREMIUM customer service
- SER-APC-SUPREM : APPI-PREMIUM ATEX customer service

* See the special conditions of the contract.

SPECIFIC PRODUCTS

Do you need a specific product?
Contact us at info@appi-technology.com

TRAINING

Ask for our APPI-Com training courses, «Use», «Sales», «Configuration». Our experts are there for you.

- Contact us



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Millions of professionals risk their lives every day: confined spaces, hostile environments, high or noisy work...

At APPI-Technology, we manufacture communication and security equipment for the most demanding environments: our mission is to improve the efficiency and safety of professionals by simplifying their communication.

Our customers from all over the world are mainly involved in industry, civil and military security, or outdoor applications (sports, entertainment): for everyone, APPI-Technology offers a complete and adapted solution, combining Communication and Safety.



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